

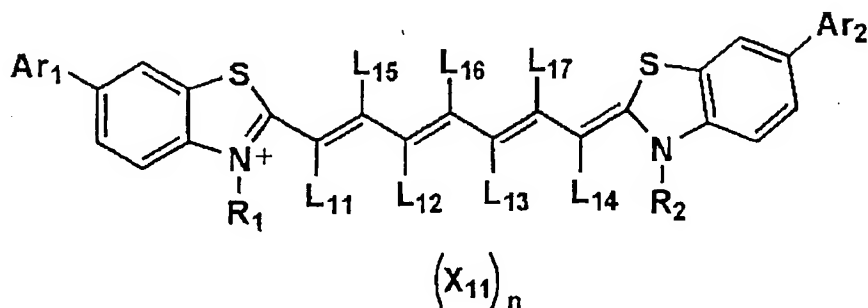
CLAIM AMENDMENTS

Claim 1 (Currently Amended)

A photothermographic imaging material ~~comprising~~
comprising:

photosensitive silver halide on at least one side of a support, ~~and~~

at least one of compounds represented by the following general formula (1);

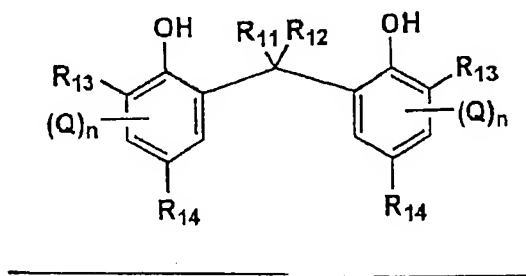


... general formula (1)

wherein the L₁₁ to the L₁₇ represent each independently a hydrogen atom, a halogen atom, an amino group, an alkylthio group, an arylthio group, a lower alkyl group, a lower alkoxy group, an aryloxy group, an aryl group or a heterocyclic group, or a non-metal atom group required for bonding the L₁₁ and the L₁₂, the L₁₂ and the L₁₃, the L₁₃ and the L₁₄, the L₁₅ and the L₁₆,

and the L_{16} and the L_{17} , respectively, to form 5- to 7-membered rings; the R_1 and the R_2 represent each independently an aliphatic group; the R_1 and the L_{11} , and the R_2 and the L_{14} can be bonded each other to form a 5- to 7-membered cyclic structure respectively; the Ar_1 and the Ar_2 represent each independently an aryl group or a heterocyclic group; the X_{11} represents an ion required for offsetting electric charges in a molecules; and n represents the number of ions required for offsetting electric charges in the molecules, and

a compound represented by the following general formula (7);.



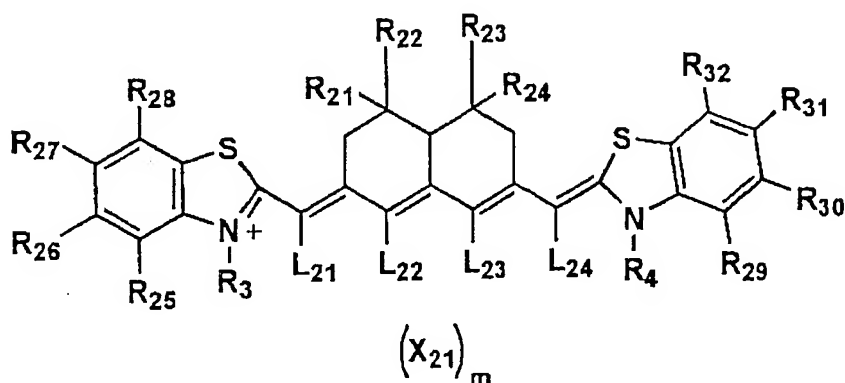
... general formula (7)

wherein the R_{11} and the R_{12} represent each independently hydrogen atom, 3- to 10-membered nonaromatic cyclic group or 5- or 6-membered aromatic cyclic group; the R_{13} and the R_{14} represent each independently hydrogen atom, alkyl group; aryl group or a

heterocyclic group, the Q represents a substituent on the benzene ring; n is 0 or an integer of 1 or 2; and the Q are same or different from one another when the Q is plural.

Claim 2 (Original)

The material of claim 1, comprising at least one of compounds represented by the following general formula (2);



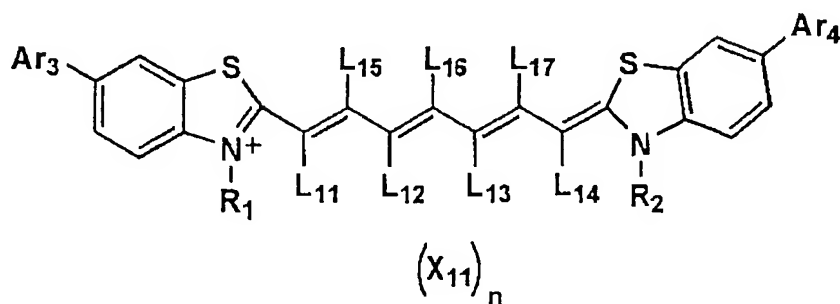
... general formula (2)

wherein the L₂₁ to the L₂₄ represent each independently a hydrogen atom, a halogen atom, an amino group, an alkylthio group, an arylthio group, a lower alkyl group, a lower alkoxyl group, an aryloxy group, an aryl, a heterocyclic group, or a non-metal atom group required for bonding the L₂₁ and the L₂₂, the L₂₂ and the L₂₃, and the L₂₃ and the L₂₄ can be bonded each other respectively to form 5- to 7-membered rings; the R₃ and the R₄ represent each independently an aliphatic group; the R₃ and the

L₂₁, and the R₄ and the L₂₄ can be bonded each other to form a 5- to 7-membered cyclic structure, respectively; the X₂₁ represents an ion required for offsetting electric charges in the molecules; the m represents the number of ions required for offsetting electric charges in the molecules; the R₂₁ to the R₂₄ represent each independently a hydrogen atom, an alkyl group or an aryl group; and the R₂₅ to the R₃₂ represent a group capable of being substituted on a benzene ring; the R₂₅ and the R₂₆, the R₂₆ and the R₂₇, the R₂₇ and the R₂₈, the R₂₉ and the R₃₀, the R₃₀ and the R₃₁ and the R₃₁ and the R₃₂ can be bonded each other respectively to form cyclic structures; the R₂₇ is neither an aryl group nor a heterocyclic group.

Claim 3 (Original)

The material of claim 1, wherein the compound represented by the general formula (1) is a compound represented by the following general formula (3);

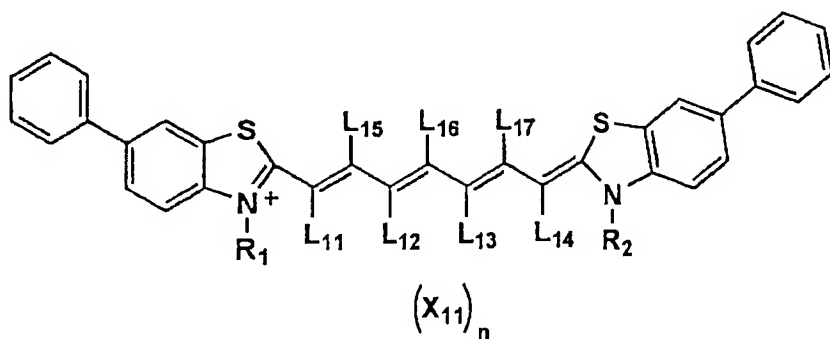


... general formula (3)

wherein the L_{11} to the L_{17} in the general formula (3) are synonymous with the L_{11} to the L_{17} in the general formula (1); the R_1 and the R_2 in the general formula (3) are synonymous with the R_1 and the R_2 in the general formula (1); the X_{11} in the general formula (3) is synonymous with the X_{11} in the general formula (1); the n in the general formula (3) is synonymous with the n in the general formula (1); and the Ar_3 and the Ar_4 represent each independently an aryl group.

Claim 4 (Original)

The material of claim 1, wherein the compound represented by the general formula (1) is a compound represented by the following general formula (4);



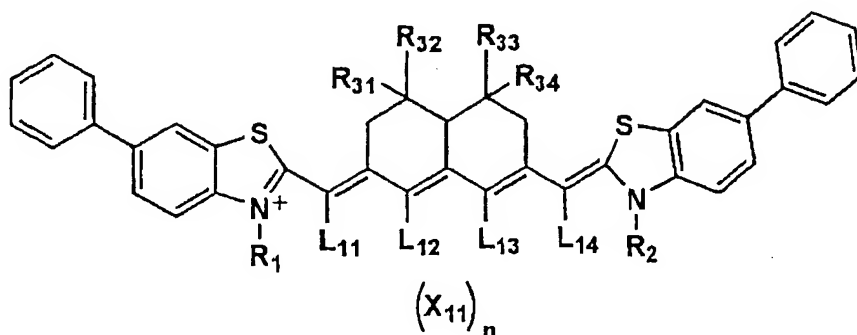
... general formula (4)

wherein the L_{11} to the L_{17} in the general formula (4) are synonymous with the L_{11} to the L_{17} in the general formula (1); the

R_1 and the R_2 in the general formula (4) are synonymous with the R_1 and the R_2 in the general formula (1); the X_{11} in the general formula (4) is synonymous with the X_{11} in the general formula (1); the n in the general formula (4) is synonymous with the n in the general formula (1).

Claim 5 (Original)

The material of claim 1, wherein the compound represented by the general formula (1) is a compound represented by the following general formula (5);



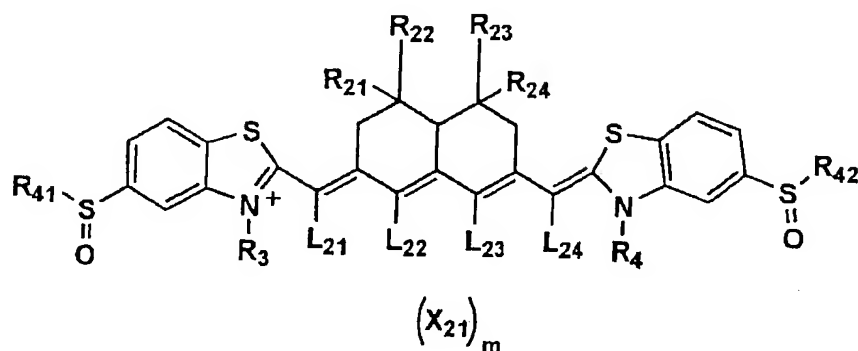
... general formula (5)

wherein the L_{11} to the L_{14} in the general formula (5) are synonymous with the L_{11} to the L_{14} in the general formula (1); the R_1 and the R_2 in the general formula (5) are synonymous with the R_1 and the R_2 in the general formula (1); the X_{11} in the general formula (5) is synonymous with the X_{11} in the general formula (1); the n in the general formula (5) is synonymous with the n

in the general formula (1); and the R_{31} to the R_{34} represent each independently a hydrogen atom, an alkyl group or an aryl group.

Claim 6 (Original)

The material of claim 2, wherein the compound represented by the general formula (2) is a compound represented by the following general formula (6);



... general formula (6)

wherein the L_{21} to the L_{24} in the general formula (6) are synonymous with the L_{21} to the L_{24} in the general formula (2); the R_3 and the R_4 in the general formula (6) are synonymous with the R_3 and the R_4 in the general formula (2); the X_{21} in the general formula (6) is synonymous with the X_{21} in the general formula (2); and the m in the general formula (6) is synonymous with the m in the general formula (2); the R_{21} to the R_{24} in the general formula (6) are synonymous with the R_{21} to the R_{24} in the general

formula (2); and the R_{41} and the R_{42} represent each independently an unsubstituted lower alkyl group, a cycloalkyl group, an aralkyl group, an aryl group or a heterocyclic group.

Claim 7 (Cancelled)

Claim 8 (Original)

The material of claim 1, wherein the photosensitive silver halide is chemically sensitized.

Claim 9 (Original)

The material of claim 1, comprising a photosensitive emulsion comprising the photosensitive silver halide and a non-photosensitive aliphatic silver carboxylate;

wherein the photosensitive silver halide is not contained in a synthesis of the non-photosensitive aliphatic silver halide, and is mixed with the non-photosensitive aliphatic silver carboxylate after a completion of the synthesis to prepare the photosensitive emulsion.

Claim 10 (New)

The material of claim 1, wherein R_{11} is a 3- to 6-membered nonaromatic cyclic group and R_{12} is a hydrogen atom in the compound represented by the formula (7).

Claim 11 (New)

The material of claim 1, wherein R_{11} and R_{12} are a hydrogen atom respectively; R_{13} is a tertiary alkyl containing 1 to 10 carbon atoms, and R_{14} is a primary alkyl containing 1 to 10 carbon atoms.